

LISTING OF CLAIMS

The claims in this listing will replace all previous versions, and listings, of claims in this application.

1. (Currently Amended) A component mounting apparatus comprising:
 - a work conveyor-positioner unit-(6) arranged on a supporting base-(2) for conveying and positioning a work-(5) in an X direction;
 - supporting frames-(3, 3) arranged in a standing manner on both ends of the supporting base-(2) in a Y direction being orthogonal to the X direction;
 - a plurality of Y-axis tables-(10, 10) provided between upper ends of the both supporting frames-(3, 3) at an appropriate interval;
 - X-axis tables-(11) attached to movable portions-(10d) of the respective Y-axis tables-(10); and
 - operating heads-(12) attached to movable portions-(11d) of the X-axis tables-(11) for performing operations with respect to the work on the work conveyor-positioner unit-(6),
 - wherein upper ends of the supporting frames-(3, 3) are located below eyes-(E) of a worker-(W).

2. (Currently Amended) The component mounting apparatus according to claim 1, wherein the Y-axis table-(10) includes a movable portion-(10d) at a lower part thereof, the X-axis table-(11) includes a movable portion-(11d) at a lower

part thereof, and the operating head (12) is attached to a lower part of the movable portion (11d) of the X-axis table (11).

3. (Currently Amended) The component mounting apparatus according to claim 1, wherein a central portion of the X-axis table (11, 11) is attached to the movable portion (10d) of the Y-axis table (10, 10), and the interval for arranging the Y-axis tables (10, 10) is set slightly longer than a length of the X-axis table (11).

4. (Currently Amended) The component mounting apparatus according to claim 1, wherein the X-axis table (11) includes guide portions (11c) provided on both sides thereof to movably support the movable portion (11d) arranged at the lower part thereof, and a linear motor (11e) provided on an upper side of a traveling path of the movable portion (11d) and between the guide portions (11c) on the both sides to drive and position the movable portion (11d).

5. (Currently Amended) The component mounting apparatus according to claim 1, wherein a component supplying unit (7) is arranged on one side or both sides in the Y direction on the supporting base (2), the operating head (12) includes an elevating mechanism (13) in a position immediately below the movable portion (11d) of the X-axis table (11), and a nozzle unit (14) having a

plurality of nozzles-(17) for attaching components at the component supplying unit-(7) by suction is disposed beside the elevating mechanism-(13).

6. (Currently Amended) The component mounting apparatus according to claim 5, wherein the plurality of nozzles-(17) are arranged in the nozzle unit-(14) to be capable of performing attachment by suction simultaneously at the component supplying unit-(7).

7. (Currently Amended) The component mounting apparatus according to claim 6, wherein the nozzle unit-(14) includes a selection mechanism-(19) for selectively transmitting the elevating operation of the elevating mechanism-(13) to a desired nozzle-(17).